

# Data of ternary aqueous solutions on sodium carbonate decahydrate substrates

## - solely crystallization of sodium carbonate decahydrate

$T / ^\circ C$	$w_{\text{init},\text{Na}_2\text{SO}_4}$	$w_{\text{end},\text{Na}_2\text{SO}_4}$	$w_{\text{init},\text{Na}_2\text{CO}_3}$	$w_{\text{end},\text{Na}_2\text{CO}_3}$	$k_{g,\text{Na}_2\text{SO}_4} / \frac{m}{s}$	$g_{\text{Na}_2\text{SO}_4} / -$	$k_{g,\text{Na}_2\text{CO}_3} / \frac{m}{s}$	$g_{\text{Na}_2\text{CO}_3} / -$
23.5	0.342	0.369	0.456	0.424	0	-	$0.04 \cdot 10^{-5}$	1
18.5	0.245	0.254	0.370	0.346	0	-	$0.1 \cdot 10^{-5}$	1
	0.262	0.283	0.293	0.245	0		$0.05 \cdot 10^{-5}$	
17	0.256	0.274	0.407	0.322	0	-	$0.04 \cdot 10^{-5}$	1